

CLAIMS

1. A humidity conditioner having a configuration in which one
5 or more water-soluble polymers are introduced into a
three-dimensional framework that is formed by one or more
crosslinked water-absorbing polymers.

2. The humidity conditioner of Claim 1, wherein
10 the water-absorbing polymers include either
polyacrylate salt or one or more polyacrylate salt-polyvinyl
alcohol copolymers.

3. The humidity conditioner of Claim 1, wherein
15 the water-soluble polymers are composed of one or both
of polyvinyl alcohol and polyisopropylacrylamide.

4. The humidity conditioner of Claim 3, wherein
the polyvinyl alcohol has a molecular weight in a range
20 of no less than 500 but no more than 20000,
the polyisopropylacrylamide has a molecular weight in
a range of no less than 1000 but no more than 30000, and
an amount of the water-soluble polymers introduced
into the water-absorbing polymers is in a range of no less than
25 1% of a total mass of the humidity conditioner but no more than
30% of the total mass.

5. The humidity conditioner of Claim 1, wherein
the water-absorbing polymers have a crosslinking
ratio in a range of no less than 0.5% but no more than 5%.

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6. A humidity-conditioning sheet having a configuration in
which the humidity conditioner of Claim 1 is encased with one
or more water-permeable sheet members.

10 7. A humidity conditioning method using a humidity
conditioner that has a configuration in which polyvinyl alcohol
is introduced into a three-dimensional framework composed of
one or more water-absorbing polymers, comprising the following
steps:

15 having the humidity conditioner absorb water; and
adjusting a water discharge with an osmotic pressure
gradient established by adding a sodium chloride solution
having a concentration of no less than 0.01 M but no more than
3 M to the water-absorbed humidity conditioner.

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8. The humidity conditioning method of Claim 7, wherein
the water-absorbing polymers are composed of either
sodium polyacrylate or one or more sodium
polyacrylate-polyvinyl alcohol copolymers.

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9. A humidity conditioning method using a humidity

conditioner that has a configuration in which one or more water-soluble polymers composed of polyvinyl alcohol are introduced into a three-dimensional framework composed of one or more water-absorbing polymers, comprising the following
5 steps:

having the humidity conditioner absorb water; and
adjusting a water discharge by causing the water-soluble polymers to swell with the water entered into the framework to thereby discharge the absorbed water to an outside of the
10 framework.

10. The humidity conditioning method of Claim 9, wherein
the water-absorbing polymers are composed of either
sodium polyacrylate or one or more sodium
15 polyacrylate-polyvinyl alcohol copolymers.

11. A humidity conditioning method using a humidity conditioner that has a configuration in which one or more water-soluble polymers composed of polyisopropylacrylamide is
20 introduced into a three-dimensional framework composed of one or more water-absorbing polymers, comprising the following steps:

having the humidity conditioner absorb water; and
adjusting a water discharge by dehydrating the
25 polyisopropylacrylamide through a heat treatment.

12. The humidity conditioning method of Claim 11, wherein
the water-absorbing polymers are composed of either
sodium polyacrylate or one or more sodium
polyacrylate-polyvinyl alcohol copolymers.

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